

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 16, 2003, 13:52:41 ; Search time 21 Seconds
(without alignments)
124.415 Million cell updates/sec

Title: US-09-914-213-2
Perfect score: 116
Sequence: 1 GLEISEINEEDLKECFDDME 22

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 451899 seqs, 118759770 residues

Total number of hits satisfying chosen parameters: 451899

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*

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- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB pep:*
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- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB pep:*
- 5: /cgn2_6/ptodata/2/pubpaa/PCUS_PUBCOMB pep:*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep:*
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- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB pep:*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB pep:*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep:*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep:*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	116	100.0	22	9	US-10-252-012-7
2	110	94.8	1479	9	US-09-982-315-4
3	110	94.8	1480	9	US-09-568-756-2
4	110	94.8	1480	9	US-09-982-315-2
5	84	72.4	1480	9	US-09-982-315-5
6	84	72.4	22	9	US-10-252-012-2
7	81	69.8	22	9	US-10-252-012-1
8	68	58.6	154	10	US-09-864-761-47352
9	54	46.6	626	10	US-09-801-574-10
10	51	44.0	705	10	US-09-815-242-5334
11	51	44.0	713	10	US-09-815-242-5332
12	49	42.2	257	7	US-09-870-759-16
13	49	42.2	257	7	US-08-882-431-2
14	49	42.2	257	9	US-09-870-759-8
15	49	42.2	257	9	US-10-002-784A-2
16	48	41.4	305	9	US-10-234-432-68
17	48	41.4	564	9	US-10-234-432-29
18	47	40.5	233	7	US-08-882-431-4
19	47	40.5	233	9	US-10-002-784A-4

20	46	39.7	232	10	US-09-815-242-5560	Sequence 5560, Ap
21	46	39.7	232	10	US-09-815-242-12569	Sequence 12569, A
22	45	38.8	174	10	US-09-861-451A-58	Sequence 58, Appl
23	45	38.8	233	9	US-09-900-766-2	Sequence 2, Appl
24	45	38.8	233	9	US-09-900-766-3	Sequence 3, Appl
25	45	38.8	233	9	US-09-900-766-4	Sequence 4, Appl
26	45	38.8	233	9	US-09-900-766-7	Sequence 7, Appl
27	45	38.8	233	9	US-10-283-838-8	Sequence 8, Appl
28	45	38.8	233	9	US-10-283-838-8	Sequence 8, Appl
29	45	38.8	672	9	US-09-900-766-1	Sequence 1, Appl
30	43	37.1	714	10	US-09-978-242-3	Sequence 3, Appl
31	43	37.1	756	9	US-08-210-143-2	Sequence 2, Appl
32	43	37.1	756	9	US-10-079-429-2	Sequence 2, Appl
33	43	37.1	756	9	US-09-912-697-12	Sequence 12, Appl
34	43	37.1	756	9	US-09-760-285-22	Sequence 22, Appl
35	43	37.1	756	10	US-09-788-657-20	Sequence 20, Appl
36	43	37.1	775	9	US-10-106-698-6310	Sequence 6310, Ap
37	42	36.2	98	9	US-09-965-967-23	Sequence 23, Appl
38	42	36.2	142	9	US-10-138-618-34	Sequence 34, Appl
39	42	36.2	292	9	US-09-738-626-4756	Sequence 4756, Ap
40	42	36.2	319	10	US-09-925-297-807	Sequence 807, Ap
41	42	36.2	321	9	US-10-230-033-3	Sequence 3, Appl
42	42	36.2	31	9	US-10-230-033-5	Sequence 5, Appl
43	42	36.2	425	9	US-09-769-787-24	Sequence 24, Appl
44	42	36.2	749	9	US-10-211-962-92	Sequence 92, Appl
45	41.5	35.8	231	10	US-09-764-864-1503	Sequence 1503, Ap

ALIGNMENTS

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RESULT 1
US-10-252-012-7
; Sequence 7, Application US/10252012
; Publication No. US20030100501A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Pamela B.
; TITLE OF INVENTION: Q4ANNE2 AN ACTIVATOR OF WILD TYPE AND MUTANT CFTR CHLORIDE CH
; FILE REFERENCE: 03037.00012
; CURRENT APPLICATION NUMBER: US/10/252,012
; CURRENT FILING DATE: 2002-09-23
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 22
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-252-012-7

Query Match      100.0%  Score 116;  DB 9;  Length 22;
Best Local Similarity 100.0%;  Pred. No. 3.6e-10;
Matches 22;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

QY      1 GLEISEINEEDLKECFDDME 22
Db      1 GLEISEINEEDLKECFDDME 22

RESULT 2
US-09-982-315-4
; Sequence 4, Application US/09982315
; Publication No. US20030096762A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Horst
; APPLICANT: Illek, Beate
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC FIBROSIS THERAPY
; FILE REFERENCE: 200116.403D1
; CURRENT APPLICATION NUMBER: US/09/982,315
; CURRENT FILING DATE: 2001-10-17
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
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; LENGTH: 1479
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-982-315-4

Query Match          94.8%; Score 110; DB 9; Length 1479;
Best Local Similarity 95.5%; Pred. No. 2.7e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDKECFDDME 22
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Db 816 GLEISEINEDKECFDDME 837

RESULT 3
US-09-568-756-2
; Sequence 2, Application US/09568756
; Patent No. US20020164782A1
GENERAL INFORMATION:
APPLICANT: Gregory, R.J., Armentano, D., Couture, L.A., Smith,
A.E.
TITLE OF INVENTION: GENE THERAPY FOR CYSTIC FIBROSIS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
STREET: 30 ROCKEFELLER PLAZA
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/568,756
FILING DATE: 11-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,742
FILING DATE: 13-OCT-1993
APPLICATION NUMBER: US 07/985,478
FILING DATE: 03-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Seide, Rochelle K.
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A30668A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2500
TELEFAX: (212) 765-2519
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: amino acid
MOLECULE TYPE: linear
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-568-756-2

Query Match          94.8%; Score 110; DB 9; Length 1480;
Best Local Similarity 95.5%; Pred. No. 2.7e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDKECFDDME 22
    |||||
Db 817 GLEISEINEDKECFDDME 838

RESULT 4
US-09-982-315-2
; Sequence 2, Application US/09982315
; Publication No. US20030096762A1
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; GENERAL INFORMATION:
; APPLICANT: Fischer, Horst
; APPLICANT: Illek, Beate
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC FIBROSIS THERAPY
; FILE REFERENCE: 200116.403D1
; CURRENT APPLICATION NUMBER: US/09/982,315
; CURRENT FILING DATE: 2001-10-17
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 2
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-982-315-2

Query Match          94.8%; Score 110; DB 9; Length 1480;
Best Local Similarity 95.5%; Pred. No. 2.7e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDKECFDDME 22
    |||||
Db 817 GLEISEINEDKECFDDME 838

RESULT 5
US-09-982-315-6
; Sequence 6, Application US/09982315
; Publication No. US20030096762A1
GENERAL INFORMATION:
APPLICANT: Fischer, Horst
APPLICANT: Illek, Beate
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC FIBROSIS THERAPY
FILE REFERENCE: 200116.403D1
CURRENT APPLICATION NUMBER: US/09/982,315
CURRENT FILING DATE: 2001-10-17
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO: 6
LENGTH: 1480
TYPE: PRT
ORGANISM: Homo sapiens
US-09-982-315-6

Query Match          94.8%; Score 110; DB 9; Length 1480;
Best Local Similarity 95.5%; Pred. No. 2.7e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDKECFDDME 22
    |||||
Db 817 GLEISEINEDKECFDDME 838

RESULT 6
US-10-252-012-2
; Sequence 2, Application US/10252012
; Publication No. US20030100501A1
GENERAL INFORMATION:
APPLICANT: Davis, Pamela B.
TITLE OF INVENTION: Q4N2MEG2 AN ACTIVATOR OF WILD TYPE AND MUTANT CFTR CHLORIDE CH
FILE REFERENCE: 03037.00012
CURRENT APPLICATION NUMBER: US/10/252,012
CURRENT FILING DATE: 2002-09-23
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentln version 3.0
SEQ ID NO: 2
LENGTH: 22
TYPE: PRT
ORGANISM: homo sapiens
US-10-252-012-2

Query Match          72.4%; Score 84; DB 9; Length 22;
Best Local Similarity 68.2%; Pred. No. 1.3e-05;
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Matches 15; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GLEISEINDEKCEFDME 22
Db 1 GLEISEINQNLKQSFNDME 22

RESULT 7
US-10-252-012-1
; Sequence 1, Application US/10252012
; Publication No. US20030100501A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Pamela B.
; TITLE OF INVENTION: Q4NZNEG2 AN ACTIVATOR OF WILD TYPE AND MUTANT CTRR CHLORIDE CHANNEL
; FILE REFERENCE: 03037.00012
; CURRENT APPLICATION NUMBER: US/10/252,012
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (1)..(1)
; OTHER INFORMATION: ACETYLATION
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (21)..(21)
; OTHER INFORMATION: Nle
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (22)..(22)
; OTHER INFORMATION: AMIDATION
US-10-252-012-1

Query Match 69.8%; Score 81; DB 9; Length 22;
Best Local Similarity 63.6%; Pred. No. 3.6e-05;
Matches 14; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GLEISEINDEKCEFDME 22
Db 1 GLEISEINQNLKQSFNDME 22

RESULT 8
US-09-864-761-47352
; Sequence 47352, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecm1ca-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00660
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 47352
; LENGTH: 154
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC000111.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.44
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.73
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.5
; OTHER INFORMATION: EST HUMAN HIT: W52051.1, EVALUATE 1.00e-06
; OTHER INFORMATION: SWISSPROT HIT: P13569, EVALUATE 2.00e-82

US-09-864-761-47352
Query Match 58.6%; Score 68; DB 10; Length 154;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLEISEINDEDK 14
Db 141 GLEISEINDEDK 154

RESULT 9
US-09-801-574-10
; Sequence 10, Application US/09801574
; Patent No. US20020081592A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Peijiang Jeremy
; APPLICANT: Page, David C.
; TITLE OF INVENTION: Reproduction-Specific Genes
; FILE REFERENCE: 0399.2007-002
; CURRENT APPLICATION NUMBER: US/09/801,574
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: 60/187,518
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: 60/261,557
; PRIOR FILING DATE: 2001-01-12
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 626
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-801-574-10
Query Match 46.6%; Score 54; DB 10; Length 626;
Best Local Similarity 64.7%; Pred. No. 10;


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; ADDRESSEE: John Moran
; STREET: US Army MRC -504 Scott Street MCMR-JA (John Moran-Patent Atty)
; CITY: FORT DERRICK
; STATE: MARYLAND
; COUNTRY: USA
; ZIP: 21702-5012
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.5
; SOFTWARE: Microsoft Word 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,431
; FILING DATE: June 25, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Moran, John
; REGISTRATION NUMBER: 26,313
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 619-2065
; TELEFAX: (301) 619-7714
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257
; TYPE: Amino Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Peptide
; US-08-882-431-2

Query Match          42.2%: Score 49; DB 7; Length 257;
Best Local Similarity 66.7%: Pred. No. 20;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLEISEINEEDLKE 15
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Db 24 GSEKSEINEKDLRK 38

RESULT 14
US-09-870-759-8
; Sequence 8, Application US/09870759
; Patent No. US20020177551A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 870759
; CURRENT APPLICATION NUMBER: US/09/870,759
; PRIOR FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/208,128
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 257
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
; US-09-870-759-8

Query Match          42.2%: Score 49; DB 9; Length 257;
Best Local Similarity 66.7%: Pred. No. 20;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLEISEINEEDLKE 15
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Db 24 GSEKSEINEKDLRK 38

RESULT 15
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US-10-002-784A-2
; Sequence 2, Application US/10002784A
; Publication No. US20030036644A1
; GENERAL INFORMATION:
; /33
; APPLICANT: Ulrich, Robert G.
; TITLE OF INVENTION: Bacterial Superantigen Vaccines
; FILE REFERENCE: 003/233/SAP
; CURRENT APPLICATION NUMBER: US/10/002,784A
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: 08/882,431; 09/144,776
; PRIOR FILING DATE: 97-06-25; 98-09-01
; SOFTWARE: Apple Macintosh Microsoft Word 6.0
; SEQ ID NO 2
; LENGTH: 257
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: mutant staphylococcal enterotoxin A periplasmic
; US-10-002-784A-2

Query Match          42.2%: Score 49; DB 9; Length 257;
Best Local Similarity 66.7%: Pred. No. 20;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLEISEINEEDLKE 15
   | | | | | | | | | |
Db 24 GSEKSEINEKDLRK 38
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Search completed: July 16, 2003, 13:59:55
Job time : 22 secs

